

Appl. No. 10/663,662  
Amendment dated October 15, 2004  
Reply to Office Action of June 15, 2004

### **IN THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Claims 1-5 (Canceled):**

**Claim 6 (Currently Amended):**      A system ~~as claimed in claim 5,~~  
~~wherein for storing data comprising:~~  
        a first storage system comprising a first disk controller and at least one first  
disk coupled to said first disk controller;  
        a second storage system comprising a second disk controller and at least one  
second disk coupled to said second disk controller; and  
        a controller coupled to said first storage system, said second storage system,  
a host computer, and a service processor,  
        wherein said controller comprises a memory in which correlation information  
among first disk identification information, identification information designating a  
storage system, and second disk identification information is stored, and said  
correlation information is set in said controller by said service processor coupled to  
said controller, and  
        wherein said controller is configured to receive a write request from said host  
computer, select a storage system including a target disk designated by first disk  
identification information included in the write request by using said correlation  
information, obtain identification information designating a selected storage system  
and second disk identification information designating the target disk based on said

Appl. No. 10/663,662  
Amendment dated October 15, 2004  
Reply to Office Action of June 15, 2004

first disk identification information included in the write request and said correlation information, and send a write request to the selected storage system according to said identification information designating the selected storage system and said second disk identification information.

**Claim 7 (Currently Amended):** A system as claimed in claim 46,  
wherein said second disk identification information is disk identification information  
assigned to the selected storage system including the target disk.

**Claim 8 (Currently Amended):** A system as claimed in claim 46,  
wherein said first disk controller and said second disk controller both have an  
interface for coupling to said host computer.

**Claim 9 (Currently Amended):** A system as claimed in claim 8,  
wherein said second disk controller is coupled to said ~~host computer controller~~, via  
~~the same type of an~~ interface of the same type as the interface for coupling to said  
host computer.

**Claim 10 (Previously Presented):** A system as claimed in claim 9,  
wherein said interface for coupling to said host computer is in accordance with SCSI.

**Claim 13 (Currently Amended):** A controller ~~as claimed in claim~~  
~~42, coupled to a first storage system, a second storage system, a host computer and~~  
a service processor, in which said first storage system comprises a first disk

Appl. No. 10/663,662  
Amendment dated October 15, 2004  
Reply to Office Action of June 15, 2004

controller and at least one first disk, and said second storage system comprises a second disk controller and at least one second disk, comprising:

a transfer device configured to transfer write data received from said host computer to one of said first storage system and said second storage system;

a memory to store correlation information among first disk identification information, identification information designating a storage system, and second disk identification information, wherein said correlation information is being set in said controller from said service processor coupled to said controller,

wherein said controller is configured to receive a write request issued from said host computer, select a storage system including a target disk designated by first disk identification information included in the write request by using said correlation information, obtain identification information designating a selected storage system and second disk identification information designating the target disk based on said first disk identification information included in the write request and said correlation information, and send a write request to the selected storage system according to said identification information designating the selected storage system and said second disk identification information.

**Claim 14 (Currently Amended):** A controller as claimed in claim 4413, wherein said second disk identification information is disk identification information assigned to the selected storage system.

**Claim 15 (Currently Amended):** A controller as claimed in claim 4413, wherein said controller is coupled to said second disk controller via an interface,

Appl. No. 10/663,662  
Amendment dated October 15, 2004  
Reply to Office Action of June 15, 2004

which is the same type of interface as an interface via which said second disk controller coupled to said host computer.

**Claim 16 (Previously Presented):** A controller as claimed in claim 15, wherein said interface coupling said controller and said second disk controller is in accordance with SCSI.

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☒ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**